FIG. 1

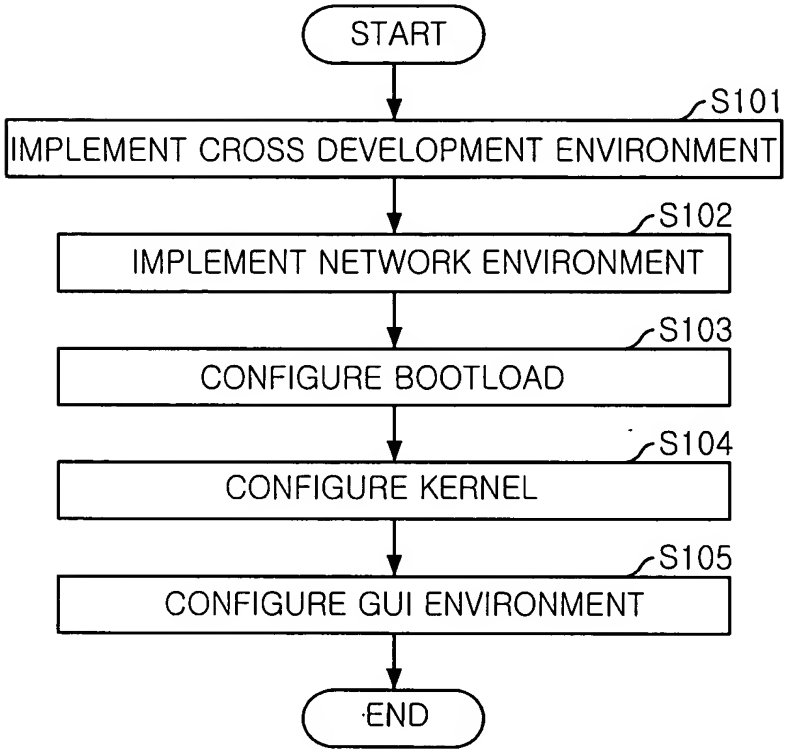

START
S101
IMPLEMENT CROSS DEVELOPMENT ENVIRONMENT
S102
IMPLEMENT NETWORK ENVIRONMENT
S103
CONFIGURE BOOTLOAD
S104
CONFIGURE KERNEL
S105
CONFIGURE GUI ENVIRONMENT
END

FIG. 2

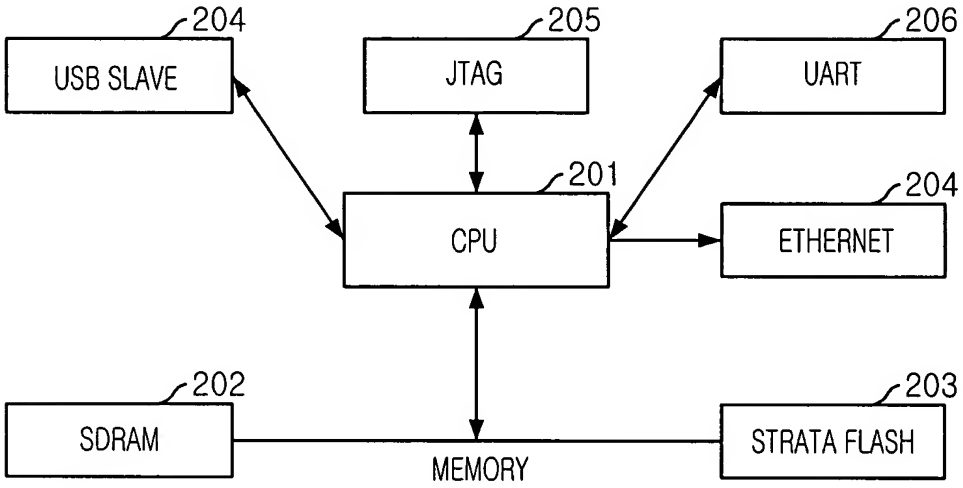
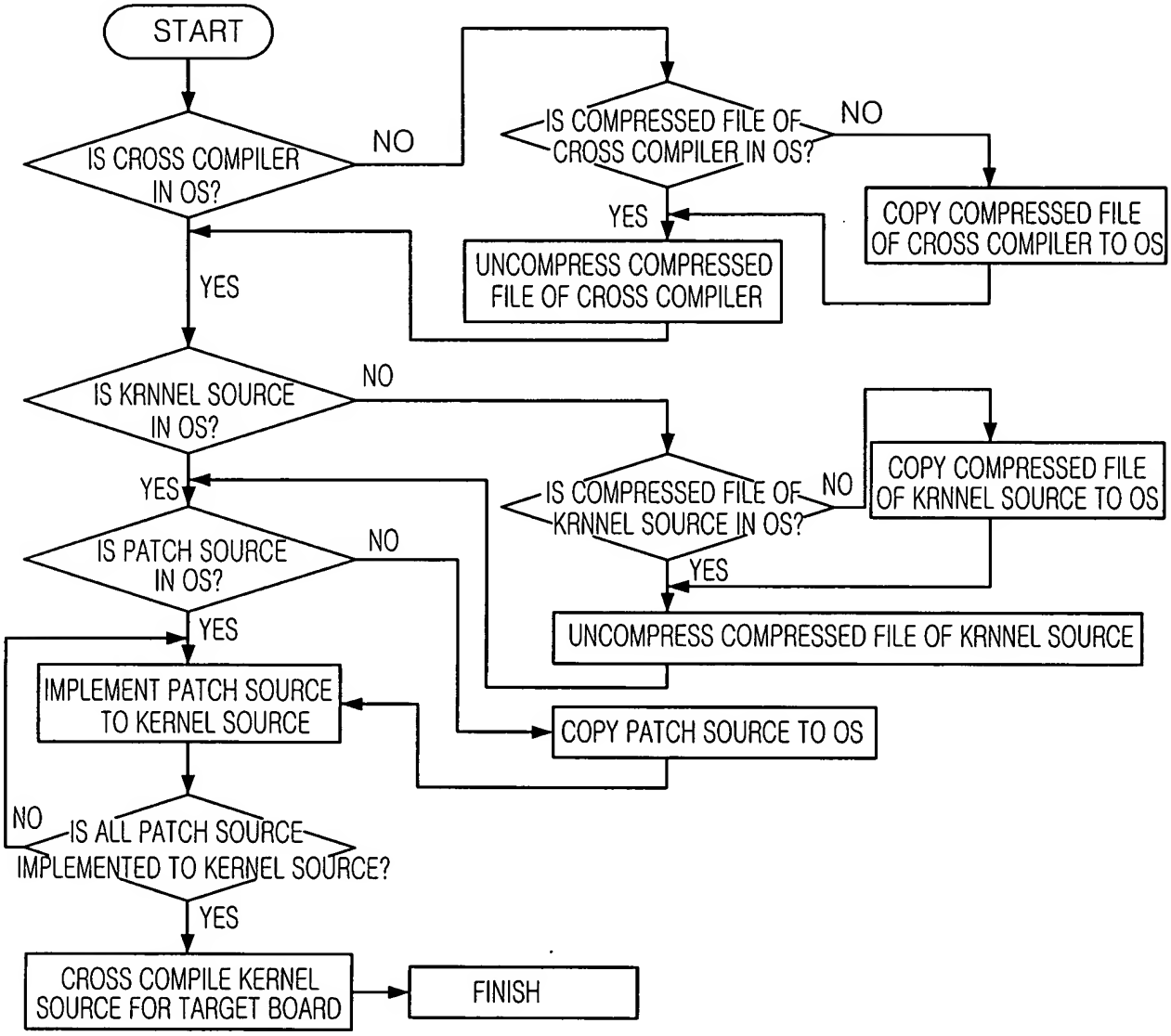

204
USB SLAVE
205
JTAG
206
UART
201
CPU
204
ETHERNET
202
SDRAM
203
STRATA FLASH
MEMORY

FIG. 3


START
IS CROSS COMPILER IN OS?
NO
IS COMPRESSED FILE OF CROSS COMPILER IN OS?
NO
COPY COMPRESSED FILE OF CROSS COMPILER TO OS
YES
UNCOMPRESS COMPRESSED FILE OF CROSS COMPILER
YES
IS KRNNEL SOURCE IN OS?
NO
IS COMPRESSED FILE OF KRNNEL SOURCE IN OS?
NO
COPY COMPRESSED FILE OF KRNNEL SOURCE TO OS
YES
YES
UNCOMPRESS COMPRESSED FILE OF KRNNEL SOURCE
IS PATCH SOURCE IN OS?
NO
YES
IMPLEMENT PATCH SOURCE TO KERNEL SOURCE
COPY PATCH SOURCE TO OS
NO
IS ALL PATCH SOURCE IMPLEMENTED TO KERNEL SOURCE?
YES
CROSS COMPILE KERNEL SOURCE FOR TARGET BOARD
FINISH